PTO/SB/08A (10-0)i Approved for use through 10/31/2002. OMB 0651-003 U.S. Palent and Trademark Office: U.S. DEPARTMENT OF COMMER©E Parcellection of information unless it contains a valid OMB control number.

Substitute for form	1449A/PTO		Complete if Known			
			Application Number			
INFORMA	TION DI	SCLOSURE	Filing Date	January 22, 2002		
STATEME	NT BY	APPLICANT	First Named Inventor	Inoue		
			Group Art Unit			
(use as r	nany sheets a	s necessary)	Examiner Name			
Sheet 1	of	1	Attorney Docket Number	040106.90055		

				U.S. PATENT DOC	JMENTS	
Examiner Initials	Cite No.1	U.S. Patent I Number	Oocument Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns. Lines. Where Relevant Passages or Relevant Figures Appear
7		5,307,538		Rench et al.	05-03-1994	
100		6,171,356		Twerdun	01-09-2001	
				·	 	
			_		 	
			_			
			-			
┝					1	
-					1	

				FOR	EIGN PATENT DOCUMENT	rs		
Examiner Cile Initials No.1		Foreign Patent Document Kind Code ⁵ Office ³ Number ⁴ (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
			P2000-135183A		Japanese	05-16-2000		<u>.</u>
								╀
		_				-		╁
		<u> </u>						1
								L
						<u> </u>		┼
				 -				†-
		1						†

Examiner Signature V	700	Date Considered	2/3/03	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁸ Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction A

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet of

Complete if Known					
Application Number	10/054,267				
Filing Date	January 22, 2002				
First Named Inventor	Inoue				
Group Art Unit	1744				
Examiner Name					
Attorney Docket Number	040106.90055				

	U.S. PATENT DOCUMENTS							
Examiner Initials	Cite No.1	U.S. Patent Number	Document Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
40-		3,529,724		L. A. Maciula et al	09-22-1970			
V		3.543.325		J.C. Hamrick	12-01-1970			
70		6,070,291		Bair et al.	06-06-2000			
		<u> </u>						
		<u> </u>						
		-						
						- An		
					 	- '\C\C\-		
				-	1	JIII		
						7 (2)		
						102		
						71.11		

f				FOR	EIGN PATENT DOCUMENT	'S		
Examiner Initials	Cite No.1	Office	Foreign Patent Do	Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т6
79	•	EP	0 928 594	A1	Royal Appliance Mfg. Co	07-14-1999		
4	·	GB	2 344 278	Α	Samsung Kwang-Ju	06-07-2000		
								\perp
								<u> </u>
		<u> </u>						\vdash
		<u> </u>						↓
								₩
		-				l		╂

Examiner Signature VIII	Date Considered 17 /3/155
Signature June 197	Considered // / / /

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.